0429-1645 OIPE #4

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 09/903,823A

CRF Processing Date: 2/4/2002
Edited by: AE
Verified by: _____ (STIC staff)

ENTERED

RECEIVED
FEB 21 2002
TECH CENTER 1600/2900

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where th sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☑ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: 173
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____.
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

*Examiner: The abov corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

OIPE

RAW SEQUENCE LISTING DATE: 02/11/2002
PATENT APPLICATION: US/09/903,823A TIME: 20:06:14

Input Set : N:\Crf3\02062002\I903823A.raw
Output Set: N:\CRF3\02112002\I903823A.raw

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      1 <110> APPLICANT: Genentech, Inc.
      2       Ashkenazi, Avi
      3       Botstein, David
      4       Desnoyers, Luc
      5       Eaton, Dan L.
      6       Ferrara, Napoleone
      7       Filvaroff, Ellen
      8       Fong, Sherman
      9       Gao, Wei-Qiang
     10       Gerber, Hanspeter
     11       Gerritsen, Mary E.
     12       Goddard, A.
     13       Godowski, Paul J.
     14       Grimaldi, Christopher J.
     15       Gurney, Austin L.
     16       Hillan, Kenneth, J.
     17       Kljavin, Ivar J.
     18       Mather, Jennie P.
     19       Pan, James
     20       Paoni, Nicholas F.
     21       Roy, Margaret Ann
     22       Stewart, Timothy A.
     23       Tumas, Daniel
     24       Williams, P. Mickey
     25       Wood, William, I.
     26 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
     27       Acids Encoding the Same
     28 <130> FILE REFERENCE: 10466-14
C--> 29 <140> CURRENT APPLICATION NUMBER: US/09/903,823A
     30 <141> CURRENT FILING DATE: 2001-07-11
     31 <150> PRIOR APPLICATION NUMBER: PCT/US00/04414
     32 <151> PRIOR FILING DATE: 2000-02-22
     33 <150> PRIOR APPLICATION NUMBER: US 60/143,048
     34 <151> PRIOR FILING DATE: 1999-07-07
     35 <150> PRIOR APPLICATION NUMBER: US 60/145,698
     36 <151> PRIOR FILING DATE: 1999-07-26
     37 <150> PRIOR APPLICATION NUMBER: US 60/146,222
     38 <151> PRIOR FILING DATE: 1999-07-28
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     40 <151> PRIOR FILING DATE: 1999-09-08
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     42 <151> PRIOR FILING DATE: 1999-09-13
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PATENT APPLICATION: US/09/903,823A TIME: 20:06:14

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cccgcagcgc tacccgccat gcgcctgccg cgccgggccg cgctggggct cctgccgctt 180
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cgggggctgg tggacaagtt taaccagggg atggtggaca ccgcaaagaa gaactttggc 300
ggcgggaaca cggcttggga ggaaaagacg ctgtccaagt acgagtccag cgagattcgc 360
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gaggcgcagg aggagcacct ggaggcctgg tggctgcagc tgaagagcga atatcctgac 480
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cccgactgtc tcgcatgcca gggcggatcc cagaggccct gcagcgggaa tggccactgc 600
agcggagatg ggagcagaca gggcgacggg tcctgccggt gccacatggg gtaccagggc 660
ccgctgtgca ctgactgcat ggacggctac ttcagctcgc tccggaacga gacccacagc 720
atctgcacag cctgtgacga gtcctgcaag acgtgctcgg gcctgaccaa cagagactgc 780
ggcgagtgtg aagtgggctg ggtgctggac gagggcgcct gtgtggatgt ggacgagtgt 840
gcggccgagc cgcctccctg cagcgctgcg cagttctgta agaacgccaa cggctcctac 900
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aaagagtgta tctctggcta cgcgagggag cacggacagt gtgcagatgt ggacgagtgc 1020
tcactagcag aaaaaacctg tgtgaggaaa aacgaaaact gctacaatac tccagggagc 1080
tacgtctgtg tgtgtcctga cggcttcgaa gaaacggaag atgcctgtgt gccgccggca 1140
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RAW SEQUENCE LISTING DATE: 02/11/2002
PATENT APPLICATION: US/09/903,823A TIME: 20:06:14

Input Set : N:\Crf3\02062002\I903823A.raw
Output Set: N:\CRF3\02112002\I903823A.raw

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gcccaacttg tttattgcag cttataatgg ttacaaataa agcaatagca tcacaaattt 1560
cacaaataaa gcatttttt cactgcattc tagttgtggt ttgtccaaac tcatcaatgt 1620
atcttatcat gtctggatcg ggaattaatt cggcgcagca ccatggcctg aaataacctc 1680
tgaaagagga acttggttag gtaccttctg aggcggaaag aaccagctgt ggaatgtgtg 1740
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20 25 30
Arg Cys Arg Gly Leu Val Asp Lys Phe Asn Gln Gly Met Val Asp Thr
35 40 45
Ala Lys Lys Asn Phe Gly Gly Gly Asn Thr Ala Trp Glu Glu Lys Thr
50 55 60
Leu Ser Lys Tyr Glu Ser Ser Glu Ile Arg Leu Leu Glu Ile Leu Glu
65 70 75 80
Gly Leu Cys Glu Ser Ser Asp Phe Glu Cys Asn Gln Met Leu Glu Ala
85 90 95
Gln Glu Glu His Leu Glu Ala Trp Trp Leu Gln Leu Lys Ser Glu Tyr
100 105 110
Pro Asp Leu Phe Glu Trp Phe Cys Val Lys Thr Leu Lys Val Cys Cys
115 120 125
Ser Pro Gly Thr Tyr Gly Pro Asp Cys Leu Ala Cys Gln Gly Gly Ser
130 135 140
Gln Arg Pro Cys Ser Gly Asn Gly His Cys Ser Gly Asp Gly Ser Arg
145 150 155 160
Gln Gly Asp Gly Ser Cys Arg Cys His Met Gly Tyr Gln Gly Pro Leu
165 170 175
Cys Thr Asp Cys Met Asp Gly Tyr Phe Ser Ser Leu Arg Asn Glu Thr
180 185 190
His Ser Ile Cys Thr Ala Cys Asp Glu Ser Cys Lys Thr Cys Ser Gly
195 200 205
Leu Thr Asn Arg Asp Cys Gly Glu Cys Glu Val Gly Trp Val Leu Asp
210 215 220
Glu Gly Ala Cys Val Asp Val Asp Glu Cys Ala Ala Glu Pro Pro Pro
225 230 235 240
Cys Ser Ala Ala Gln Phe Cys Lys Asn Ala Asn Gly Ser Tyr Thr Cys
245 250 255
Glu Glu Cys Asp Ser Ser Cys Val Gly Cys Thr Gly Glu Gly Pro Gly
260 265 270
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RAW SEQUENCE LISTING DATE: 02/11/2002
PATENT APPLICATION: US/09/903,823A TIME: 20:06:14

Input Set : N:\Crf3\02062002\I903823A.raw
Output Set: N:\CRF3\02112002\I903823A.raw

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147       Asn Glu Asn Cys Tyr Asn Thr Pro Gly Ser Tyr Val Cys Val Cys Pro
148       305                 310                 315                 320
149       Asp Gly Phe Glu Glu Thr Glu Asp Ala Cys Val Pro Pro Ala Glu Ala
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151       Glu Ala Thr Glu Gly Glu Ser Pro Thr Gln Leu Pro Ser Arg Glu Asp
152                   340                 345                 350
153       Leu
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156 <211> LENGTH: 2206
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162       aacagccctg gctgagggag ctgcagcgca gcagagtatc tgacggcgcc aggttgcgta 180
163       ggtgcggcac gaggagtttt cccggcagcg aggaggtcct gagcagcatg gcccggagga 240
164       gcgccttccc tgccgccgcg ctctggctct ggagcatcct cctgtgcctg ctggcactgc 300
165       gggcggaggc cgggccgccg caggaggaga gcctgtacct atggatcgat gctcaccagg 360
166       caagagtact cataggattt gaagaagata tcctgattgt ttcagagggg aaaatggcac 420
167       cttttacaca tgatttcaga aaagcgcaac agagaatgcc agctattcct gtcaatatcc 480
168       attccatgaa ttttacctgg caagctgcag ggcaggcaga atacttctat gaattcctgt 540
169       ccttgcgctc cctggataaa ggcatcatgg cagatccaac cgtcaatgtc cctctgctgg 600
170       gaacagtgcc tcacaaggca tcagttgttc aagttggttt cccatgtctt ggaaaacagg 660
171       atggggtggc agcatttgaa gtggatgtga ttgttatgaa ttctgaaggc aacaccattc 720
172       tccaaacacc tcaaaatgct atcttcttta aaacatgtca acaagctgag tgcccaggcg 780
173       ggtgccgaaa tggaggcttt tgtaatgaaa gacgcatctg cgagtgtcct gatgggttcc 840
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175       tgactcctgg tttctgcatc tgcccacctg gattctatgg agtgaactgt gacaaagcaa 960
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177       ctccaggact agagggagag cagtgtgaaa tcagcaaatg cccacaaccc tgtcgaaatg 1080
178       gaggtaaatg cattggtaaa agcaaatgta agtgttccaa aggttaccag ggagacctct 1140
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181       tcatacatgc cctgaggcca gcaggcgccc agctcaggca gcacacgcct tcacttaaaa 1320
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183       aaacgtttta agttacacca agttcatagc ctttgttaac ctttcatgtg ttgaatgttc 1440
184       aaataatgtt cattacactt aagaatactg gcctgaattt tattagcttc attataaatc 1500
185       actgagctga tatttactct tccttttaag ttttctaagt acgtctgtag catgatggta 1560
186       tagattttct tgtttcagtg ctttgggaca gattttatat tatgtcaatt gatcaggtta 1620
187       aaattttcag tgtgtagttg gcagatattt tcaaaattac aatgcattta tggtgtctgg 1680
188       gggcagggga acatcagaaa ggttaaattg ggcaaaaatg cgtaagtcac aagaatttgg 1740
189       atggtgcagt taatgttgaa gttacagcat ttcagatttt attgtcagat atttagatgt 1800
190       ttgttacatt tttaaaaatt gctcttaatt tttaaactct caatacaata tattttgacc 1860
191       ttaccattat tccagagatt cagtattaaa aaaaaaaaaa ttacactgtg gtagtggcat 1920
192       ttaaacaata taatatattc taaacacaat gaaataggga atataatgta tgaacttttt 1980
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RAW SEQUENCE LISTING DATE: 02/11/2002
PATENT APPLICATION: US/09/903,823A TIME: 20:06:14

Input Set : N:\Crf3\02062002\I903823A.raw
Output Set: N:\CRF3\02112002\I903823A.raw

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200 <212> TYPE: PRT
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206                    20                  25                  30
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208                35                  40                  45
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210            50                  55                  60
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212        65                  70                  75                  80
213       Pro Val Asn Ile His Ser Met Asn Phe Thr Trp Gln Ala Ala Gly Gln
214                       85                  90                  95
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217       Ile Met Ala Asp Pro Thr Val Asn Val Pro Leu Leu Gly Thr Val Pro
218              115                 120                 125
219       His Lys Ala Ser Val Val Gln Val Gly Phe Pro Cys Leu Gly Lys Gln
220          130                 135                 140
221       Asp Gly Val Ala Ala Phe Glu Val Asp Val Ile Val Met Asn Ser Glu
222       145                 150                 155                 160
223       Gly Asn Thr Ile Leu Gln Thr Pro Gln Asn Ala Ile Phe Phe Lys Thr
224                       165                 170                 175
225       Cys Gln Gln Ala Glu Cys Pro Gly Gly Cys Arg Asn Gly Gly Phe Cys
226                  180                 185                 190
227       Asn Glu Arg Arg Ile Cys Glu Cys Pro Asp Gly Phe His Gly Pro His
228              195                 200                 205
229       Cys Glu Lys Ala Leu Cys Thr Pro Arg Cys Met Asn Gly Gly Leu Cys
230          210                 215                 220
231       Val Thr Pro Gly Phe Cys Ile Cys Pro Pro Gly Phe Tyr Gly Val Asn
232       225                 230                 235                 240
233       Cys Asp Lys Ala Asn Cys Ser Thr Thr Cys Phe Asn Gly Gly Thr Cys
234                       245                 250                 255
235       Phe Tyr Pro Gly Lys Cys Ile Cys Pro Pro Gly Leu Glu Gly Glu Gln
236                  260                 265                 270
237       Cys Glu Ile Ser Lys Cys Pro Gln Pro Cys Arg Asn Gly Gly Lys Cys
238              275                 280                 285
239       Ile Gly Lys Ser Lys Cys Lys Cys Ser Lys Gly Tyr Gln Gly Asp Leu
240          290                 295                 300
241       Cys Ser Lys Pro Val Cys Glu Pro Gly Cys Gly Ala His Gly Thr Cys
242       305                 310                 315                 320
243       His Glu Pro Asn Lys Cys Gln Cys Gln Glu Gly Trp His Gly Arg His
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Use of n and/or Xaa has been detected in the Sequence Listing.
Review the Sequence Listing to insure a corresponding explanation is presented in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY DATE: 02/11/2002
PATENT APPLICATION: **US/09/903,823A** TIME: 20:06:15

Input Set : **N:\Crf3\02062002\I903823A.raw**
Output Set: **N:\CRF3\02112002\I903823A.raw**

L:29 M:270 C: Current Application Number differs, Wrong Format
L:403 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:404 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:405 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:406 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:614 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:1341 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
L:2841 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113
L:3206 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131
L:4238 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:174
L:4338 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175
L:5176 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206

OIPE

RAW SEQUENCE LISTING DATE: 02/06/2002
PATENT APPLICATION: **US/09/903,823A** TIME: 12:13:49

Input Set : **D:\sequence listing.txt**
Output Set: **N:\CRF3\02062002\I903823A.raw**

Does Not Comply
Corrected Diskette Needed

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  3 <110> APPLICANT: Genentech, Inc.
  4       Ashkenazi, Avi
  5       Botstein, David
  6       Desnoyers, Luc
  7       Eaton, Dan L.
  8       Ferrara, Napoleone
  9       Filvaroff, Ellen
 10       Fong, Sherman
 11       Gao, Wei-Qiang
 12       Gerber, Hanspeter
 13       Gerritsen, Mary E.
 14       Goddard, A.
 15       Godowski, Paul J.
 16       Grimaldi, Christopher J.
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 18       Hillan, Kenneth, J.
 19       Kljavin, Ivar J.
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 23       Roy, Margaret Ann
 24       Stewart, Timothy A.
 25       Tumas, Daniel
 26       Williams, P. Mickey
 27       Wood, William, I.
 29 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 30       Acids Encoding the Same
 32 <130> FILE REFERENCE: 10466-14
C--> 34 <140> CURRENT APPLICATION NUMBER: US/09/903,823A
C--> 35 <141> CURRENT FILING DATE: 2001-07-11
 37 <150> PRIOR APPLICATION NUMBER: PCT/US00/04414
 38 <151> PRIOR FILING DATE: 2000-02-22
 40 <150> PRIOR APPLICATION NUMBER: US 60/143,048
 41 <151> PRIOR FILING DATE: 1999-07-07
 43 <150> PRIOR APPLICATION NUMBER: US 60/145,698
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RAW SEQUENCE LISTING DATE: 02/06/2002
PATENT APPLICATION: US/09/903,823A TIME: 12:13:49

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Output Set: N:\CRF3\02062002\I903823A.raw

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     65 <151> PRIOR FILING DATE: 1999-11-29
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     85 <151> PRIOR FILING DATE: 2000-01-05
     87 <160> NUMBER OF SEQ ID NOS: 423
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ERRORED SEQUENCES

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   5298 <220> FEATURE:
   5299 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
   5300       oligonucleotide probe
   5302 <400> SEQUENCE: 173
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42 43

VERIFICATION SUMMARY DATE: 02/06/2002
PATENT APPLICATION: US/09/903,823A TIME: 12:13:53

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Output Set: N:\CRF3\02062002\I903823A.raw

L:34 M:270 C: Current Application Number differs, Replaced Current Application Number
L:35 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:511 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:512 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:513 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:514 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:769 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:1701 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
L:3586 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113
L:4040 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131
L:5303 M:254 E: No. of Bases conflict, LENGTH:Input:42 Counted:43 SEQ:173
L:5344 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:174
L:5479 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175
L:6540 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206